

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|------------------------|------------------|---------|------------------|
| L1 | 7830 | ((29/832,834,739,743,708,709,407.05,407.08) or (294/64.1,607) or (73/1.35,1.57,1.58) or (29/720,721,743)).cols. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/02/02 11:37 |
| L2 | 200 | 11 and @pd> "20080701" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/02/02 11:38 |
| S1 | 38 | suction nozzle and setting near pressure | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/01/22 11:21 |
| S2 | 5517 | suction nozzle and pressure | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/01/22 11:22 |
| S3 | 460 | suction nozzle with component and pressure | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/01/22 11:22 |
| S4 | 11 | suction nozzle with component and pressure with (compared or comparing) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/01/22 11:23 |
| S5 | 574 | (vacuum or suction) nozzle with component and pressure | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/01/22 11:26 |
| S6 | 413 | (vacuum or suction) nozzle with component and pressure and mounting | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/01/22 11:27 |
| S7 | 352 | (vacuum or suction) nozzle with component and pressure and mounting with component | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/01/22 11:27 |
| S8 | 64 | (vacuum or suction) nozzle with component and pressure with (threshold or value) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/01/22 11:28 |
| S9 | 15 | (vacuum or suction) nozzle with component and pressure with (difference) not S8 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/01/22 11:45 |
| S10 | 4752 | (vacuum or suction) with component and pressure with (threshold or value) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/01/22 11:56 |
| S11 | 67 | (vacuum or suction)near2 (pipette or head) with component and pressure with (threshold or value) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/01/22 11:57 |
| S12 | 17 | ("4633654" "5029383" "5475619" "5498942").PN. OR ("5761798").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/01/22 12:29 |

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| S13 | 21 | (vacuum or suction) near2 (pipette or head or nozzle) with component and pressure with (threshold or value) | FPRS; EPO; JPO; DERWENT; BM_TDB | ADJ | ON | 2009/01/22 12:46 |
| S14 | 78 | (h05k013/04.ipc. or h05k13/04.ipcr.) and pressure with (threshold or value) | FPRS; EPO; JPO; DERWENT; BM_TDB | ADJ | ON | 2009/01/22 14:45 |
| S15 | 1 | 11/340425.app. | US-PGPUB; USPAT; USOOR | ADJ | ON | 2009/01/23 09:54 |
| S16 | 8 | (h05k013/04.ipc. or h05k13/04.ipcr.) and pressure with initial | FPRS; EPO; JPO; DERWENT; BM_TDB | ADJ | ON | 2009/01/29 16:00 |
| S17 | 52 | (h05k013/04.ipc. or h05k13/04.ipcr.) and pressure with initial | US-PGPUB; USPAT; USOOR | ADJ | ON | 2009/01/29 16:05 |
| S18 | 2618 | (h05k013/04.ipc. or h05k13/04.ipcr.) and pressure | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; BM_TDB | ADJ | ON | 2009/01/29 16:18 |
| S19 | 38 | (h05k013/\$.ipc. or h05k13/\$.ipcr.) and pressure with (compared or comparing) | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; BM_TDB | ADJ | ON | 2009/02/01 11:38 |
| S20 | 1 | 2004-514557.NRAN. | DERWENT | ADJ | ON | 2009/02/01 11:51 |
| S21 | 4640 | (h05k013/\$.ipc. or h05k13/\$.ipcr.) and pressure | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; BM_TDB | ADJ | ON | 2009/02/01 11:53 |

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| S22 | 53 | (h05k013/\$.ipc. or h05k13/\$.ipcr.) and pressure near5 (initial or original or beginning) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB | ADJ | ON | 2009/02/01 11:54 |
| S23 | 557 | (h05k\$/\$.ipc. or h05k\$/\$.ipcr.) and pressure near5 (initial or original or beginning) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB | ADJ | ON | 2009/02/01 12:03 |
| S24 | 504 | (h05k\$/\$.ipc. or h05k\$/\$.ipcr.) and pressure near5 (initial or original or beginning) not S22 | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB | ADJ | ON | 2009/02/01 12:04 |
| S25 | 8 | (h05k\$/\$.ipc. or h05k\$/\$.ipcr.) and pressure near5 (initial or original or beginning) not S22 and (mounting or placement).ti. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB | ADJ | ON | 2009/02/01 12:06 |
| S26 | 170 | (h05k013/\$.ipc. or h05k13/\$.ipcr.) and (pressure and (dropped or dropping or release or releasing)).ab. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB | ADJ | ON | 2009/02/01 12:19 |
| S27 | 31 | (h05k013/\$.ipc. or h05k13/\$.ipcr.) and differential pressure | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB | ADJ | ON | 2009/02/01 12:34 |
| S28 | 1 | ("4135630").PN. | US_PGPUB; USPAT | OR | OFF | 2009/02/01 12:37 |

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| S29 | 2 | (h05k013/\$.ipc. or h05k13/\$.ipcr.) and leakage test | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB | ADJ | ON | 2009/02/01 14:00 |
| S30 | 235 | (h05k013/\$.ipc. or h05k13/\$.ipcr.) and leakage | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB | ADJ | ON | 2009/02/01 14:33 |
| S31 | 130 | (h05k013/04.ipc. or h05k13/04.ipcr.) and leakage | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB | ADJ | ON | 2009/02/01 14:33 |
| S32 | 33 | (h05k013/04.ipc. or h05k13/04.ipcr.) and initial near5 (vacuum or suction) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB | ADJ | ON | 2009/02/01 14:36 |
| S33 | 2944 | 29/832.cols. not (h05k013/04.ipc. or h05k13/04.ipcr.) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB | ADJ | ON | 2009/02/01 17:17 |
| S34 | 3330 | 29/832.cols. | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB | ADJ | ON | 2009/02/01 17:17 |

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| S35 | 962 | S33 and pressure | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/01 17:18 |
| S36 | 14 | S33 and pressure with initial | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/01 17:18 |
| S37 | 9 | S33 and pressure near5 (compared or comparing) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/01 17:20 |
| S38 | 503 | 29/743.cols. not (h05k013/04.ipc. or h05k13/04.ipcr.) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/01 17:21 |
| S39 | 244 | S38 and pressure | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/01 17:21 |
| S40 | 1 | S38 and pressure near5 initial | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/01 17:22 |

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| S41 | 4 | S38 and pressure near5 (comparing or compared) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/01 17:22 |
| S42 | 2 | S38 and pressure near5 threshold | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/01 17:24 |
| S43 | 11 | S38 and pressure with difference | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/01 17:25 |
| S44 | 1524 | (vacuum or suction) near2 (pipette or head) and pressure with difference | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/02/01 17:28 |
| S45 | 811 | (vacuum or suction) near2 (pipette or head) and pressure with initial | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/02/01 17:28 |
| S46 | 5 | (vacuum or suction) near2 (pipette or head) and pressure with initial with (compared or comparing) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/02/01 17:28 |
| S47 | 19 | (vacuum or suction) near2 (pipette or head or nozzle) and pressure with initial with (compared or comparing) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/02/01 17:29 |
| S48 | 1219 | (vacuum or suction) near2 (pipette or head or nozzle) and pressure with (compared or comparing) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/02/01 17:31 |
| S49 | 666 | (vacuum or suction) near2 (pipette or head or nozzle) and pressure near5 (compared or comparing) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/02/01 17:31 |
| S50 | 92 | (vacuum or suction) near2 (pipette or head or nozzle) and pressure near5 (compared or comparing) and pressure with threshold | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/02/01 17:32 |
| S51 | 17 | ("4683654" "5029383" "5475619" "5498942"),PN, OR ("5761798"),URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/02/01 17:49 |

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| S52 | 4262 | (apparatus near3 component near3 mounting) not (h05k013/04.ipcr. or h05k13/04.ipcr.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB | ADJ | ON | 2009/02/01 17:55 |
| S53 | 797 | S52 and pressure | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB | ADJ | ON | 2009/02/01 17:55 |
| S54 | 9 | S52 and pressure with zero | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB | ADJ | ON | 2009/02/01 17:55 |
| S55 | 8 | S52 and pressure near5 (compared or comparing) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB | ADJ | ON | 2009/02/01 17:57 |
| S56 | 144 | 700/301.cds. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB | ADJ | ON | 2009/02/01 18:00 |
| S57 | 134 | 700/301.cds. and pressure | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB | ADJ | ON | 2009/02/01 18:01 |

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| S58 | 27 | 700/301.cds. and pressure with threshold | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB | ADJ | ON | 2009/02/01 18:01 |
| S59 | 23 | (h05k013/04.ipc. or h05k13/04.ipcr.) and vacuum with (change or decrease) with pressure | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB | ADJ | ON | 2009/02/01 20:01 |
| S60 | 11 | (h05k013/04.ipc. or h05k13/04.ipcr.) and achieved near3 pressure | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB | ADJ | ON | 2009/02/01 20:14 |
| S61 | 43 | (h05k013/04.ipc. or h05k13/04.ipcr.) and suction near2 value | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB | ADJ | ON | 2009/02/01 20:17 |
| S62 | 15 | (h05k013/04.ipc. or h05k13/04.ipcr.) and vacuum near2 value | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB | ADJ | ON | 2009/02/01 20:26 |
| S63 | 25 | (h05k013/04.ipc. or h05k13/04.ipcr.) and vacuum near5 value | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB | ADJ | ON | 2009/02/01 20:31 |

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| S64 | 21 | (h05k013/04.ipc. or h05k13/04.ipcr.) and vacuum near10 value not S62 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/01 20:31 |
| S65 | 160 | (h05k013/04.ipc. or h05k13/04.ipcr.) and suction near10 value not S61 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/01 20:37 |
| S66 | 26650 | (h05k013/04.ipc. or h05k13/04.ipcr.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/01 20:49 |
| S67 | 29990 | (chip or part or component) near3 (mounter or mounting) near3 (device or apparatus) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/01 20:50 |
| S68 | 23008 | (chip or part or component) near3 (mounter or mounting) near3 (device or apparatus) not S66 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/01 20:50 |
| S69 | 208 | S88 and pressure near5 value | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/01 20:51 |

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| S70 | 78 | \$68 and pressure near5 value and vacuum | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/01 20:51 |
| S71 | 46 | \$68 and pressure near5 value and vacuum with pressure | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/01 20:51 |
| S72 | 0 | initial near3 pressure with difference same component with dropped | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/01 21:07 |
| S73 | 1 | initial near3 pressure and pressure with difference same component with dropped | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/01 21:07 |
| S74 | 1 | initial near5 pressure and pressure with difference same component with dropped | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/01 21:08 |
| S75 | 0 | initial near5 pressure and pressure with difference same component with dropping | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/01 21:08 |

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| S76 | 0 | initial near5 pressure and pressure with difference same component with fallen | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/01 21:08 |
| S77 | 0 | initial near5 pressure and pressure with difference same component with missing | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/01 21:09 |
| S78 | 2618 | \$66 and pressure | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/01 21:58 |
| S79 | 1238 | \$66 and pressure | FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/01 21:58 |
| S80 | 232 | \$66 and pressure and (dropped or dropping or fallen or missing) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/01 21:59 |
| S81 | 24 | \$66 and pressure with (dropped or dropping or fallen or missing) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2009/02/01 22:00 |

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| S82 | 26650 | (h05k013/04.ipc. or h05k13/04.ipcr.) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB | ADJ | ON | 2009/02/02 10:13 |
| S83 | 28 | S82 and pressure near5 reference | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB | ADJ | ON | 2009/02/02 10:13 |
| S84 | 5 | S82 and pressure near5 reset | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB | ADJ | ON | 2009/02/02 10:18 |
| S85 | 0 | S82 and pressure near5 zeroed | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB | ADJ | ON | 2009/02/02 10:19 |
| S86 | 11 | S82 and pressure near5 zero | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB | ADJ | ON | 2009/02/02 10:19 |
| S87 | 67 | S82 and pressure near5 basis | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB | ADJ | ON | 2009/02/02 10:22 |

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| S88 | 12 | S82 and pressure near5 basis! | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB | ADJ | ON | 2009/02/02 10:24 |
| S89 | 11 | S82 and pressure near5 comparison | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB | ADJ | ON | 2009/02/02 10:27 |

2/2/2009 11:41:36 AM

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